EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2903	(deposit$3 coat$3).clm. and (remov$5 etch$3 strip$5 clean$4).clm. and ion.clm. and (beam gun).clm.	US-PGPUB; USPAT	OR	ON	2007/06/11 09:03
L2	2255	(deposit$3 coat$3).clm. and (remov$5 etch$3 strip$5 clean$4).clm. and ion.clm. and (beam gun).clm. and (side surface).clm.	US-PGPUB; USPAT	OR	ON	2007/06/11 09:03
L3	368	(deposit$3 coat$3).clm. and (remov$5 etch$3 strip$5 clean$4).clm. and ion.clm. and (beam gun).clm. and (side surface).clm. and glass.clm.	US-PGPUB; USPAT	OR	ON	2007/06/11 09:03
L4	109	(deposit$3 coat$3).clm. and (remov$5 etch$3 strip$5 clean$4).clm. and ion.clm. and (beam gun).clm. and (side surface).clm. and glass.clm. and (travel$4 convey$4 transfer$4 translat$4 carry$3 carrier mov$4 move$4).clm.	US-PGPUB; USPAT	OR	ON	2007/06/11 09:13
S7	315	over$1spray with (gun ion laser beam)	US-PGPUB; USPAT	OR	ON	2007/06/11 09:01
S8	17	over$1spray with (gun ion laser beam) with (remov$3 etch$3)	US-PGPUB; USPAT	OR	ON	2005/12/06 14:56
S9	118	S7 and ("118"/$.ccls. 204/298.$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/12/06 15:00
S10	315	over$1spray with (gun ion laser beam)	US-PGPUB; USPAT	OR	ON	2005/12/06 18:04
S11	8	S10 and ("118"/715-733.ccls. 204/298.$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/12/06 18:04
S12	0	("2004/0175511").URPN.	USPAT	OR	ON	2005/12/06 18:12
S13	35	(118/718.ccls. 118/719.ccls. 204/298.23-298.26.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (ion with (remov$3 etch$3) with (under below underside bottom))	USPAT	OR	ON	2005/12/06 18:44
S14	43	(118/718.ccls. 118/719.ccls. 204/298.23-298.26.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (ion with (remov$3 etch$3) with (under below underside bottom))	US-PGPUB; USPAT	OR	ON	2005/12/06 18:15
S15	48	(118/718.ccls. 118/719.ccls. 204/298.23-298.26.ccls. 156/345.31.ccls. 156/345.32.ccls.) and ((laser beam ion) with (remov$3 etch$3) with (under below underside bottom))	US-PGPUB; USPAT	OR	ON	2005/12/06 18:38
S16	251	(ion with (beam gun) with (remov$3 etch$3) with (under below underside bottom) with (substrate sheet plate semiconductor wafer workpiece))	US-PGPUB; USPAT	OR	ON	2005/12/06 18:39
S17	198	(ion with (beam gun) with (remov$3 etch$3) with (under below underside bottom) with (substrate sheet plate semiconductor wafer workpiece)) same (coat$3 deposit$3 film$3 form$3)	US-PGPUB; USPAT	OR	ON	2005/12/06 18:40
S18	17	(ion with (beam gun) with (remov$3 etch$3) with (under below underside bottom) with (substrate sheet plate semiconductor wafer workpiece)) same ((coat$3 deposit$3 film$3 form$3) same (transfer$4 travel$4 translat$4 mov$3 convey$4))	US-PGPUB; USPAT	OR	ON	2005/12/06 18:41
S19	281	(118/718.ccls. 118/719.ccls. 204/298.23-298.26.ccls. 156/345.31.ccls. 156/345.32.ccls.) and ((remov$3 etch$3 clean$3) with (under below underside bottom) with (substrate wafer plate semiconductor workpiece sheet))	USPAT	OR	ON	2005/12/06 18:45
S20	355	(118/718.ccls. 118/719.ccls. 204/298.23-298.26.ccls. 156/345.31.ccls. 156/345.32.ccls. 216/37.ccls. 427/255.5.ccls.) and ((remov$3 etch$3 clean$3) with (under below underside bottom) with (substrate wafer plate semiconductor workpiece sheet))	USPAT	OR	ON	2005/12/06 18:46
S21	94	(118/718.ccls. 118/719.ccls. 204/298.23-298.26.ccls. 156/345.31.ccls. 156/345.32.ccls. 216/37.ccls. 427/255.5.ccls.) and ((remov$3 etch$3 clean$3) with (under below underside bottom) with (substrate wafer plate semiconductor workpiece sheet) with (transfer$4 travel$4 translat$4 mov$3 convey$4))	USPAT	OR	ON	2005/12/06 18:59

S22	29	("20020102352"|"20040020761"|"3904506"|"3925182"|"3968018"|"4214972"|"4604181"|"5054421"|"5273634"|"5424130"|"5616532"|"5853866"|"5874701"|"5879519"|"5939194"|"5961843"|"5969470"|"5982101"|"6013372"|"6090489"|"6139803"|"6150755"|"6165256"|"6171659"|"6191062"|"6210779"|"6224718"|"6225747"|"6368664"|"6652974"|"6660365").PN.	USPAT	OR	ON	2005/12/06 19:54
S23	2	("4188199" | "5520740").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 19:51
S24	27	("3968018").URPN.	USPAT	OR	ON	2005/12/06 20:08
S25	0	10/429,967	USPAT	OR	ON	2005/12/06 20:18
S26	0	216/37.ccls. and (ion with beam with mill)	USPAT	OR	ON	2005/12/06 20:19
S27	6	216/37.ccls. and (ion with beam with mill$3)	USPAT	OR	ON	2005/12/06 20:19
S28	32	216/37.ccls. and (ion with beam)	USPAT	OR	ON	2005/12/06 20:19
S29	40	216/37.ccls. and (ion with beam)	US-PGPUB; USPAT	OR	ON	2005/12/06 20:33
S30	4	216/37.ccls. and ((ion with beam) with (opposite bottom under under$1side lower beneath))	US-PGPUB; USPAT	OR	ON	2005/12/06 20:20
S31	282	"216"/$.ccls. and ((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under))	US-PGPUB; USPAT	OR	ON	2005/12/06 20:34
S32	185	"216"/$.ccls. and ((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under) with (remov$3 clean$3 etch$3 mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/06 20:35
S33	185	"216"/$.ccls. and ((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under margin$3) with (remov$3 clean$3 etch$3 mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/06 20:35
S34	112	"216"/$.ccls. and ((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under margin$3) with (remov$3 clean$3 etch$3 mill$3) with (coat$3 film deposit$3 layer))	US-PGPUB; USPAT	OR	ON	2005/12/06 20:48
S35	5	("4666554").URPN.	USPAT	OR	ON	2005/12/06 20:39
S36	81	((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under margin$3) with surface with (remov$3 clean$3 etch$3 mill$3) with (coat$3 film deposit$3 layer))	EPO; JPO; DERWENT	OR	ON	2005/12/06 20:48
S37	2	((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under margin$3) with surface with (remov$3 clean$3 etch$3 mill$3) with (coat$3 film deposit$3 layer)) same (transfer$4 translat$4 convey$4 mov$4 travel$4)	EPO; JPO; DERWENT	OR	ON	2005/12/06 20:49
S38	20	((ion with beam) with (perimeter edge bevel under$1side beneath lower bottom under margin$3) with surface with (remov$3 clean$3 etch$3 mill$3) with (coat$3 film deposit$3 layer)) same (transfer$4 translat$4 convey$4 mov$4 travel$4)	US-PGPUB; USPAT	OR	ON	2005/12/06 20:54
S39	56	427/255.5.ccls. and (ion with beam)	US-PGPUB; USPAT	OR	ON	2005/12/06 20:55
S40	11	427/255.5.ccls. and (ion with beam with (remov$3 clean$3 etch$3))	US-PGPUB; USPAT	OR	ON	2005/12/06 20:59
S41	25	(ion with beam with (remov$3 clean$3 etch$3) with bottom with surface with (substrate semiconductor wafer workpiece sheet))	US-PGPUB; USPAT	OR	ON	2005/12/06 21:07
S42	0	("2004/0020761").URPN.	USPAT	OR	ON	2005/12/06 21:02
S43	11	(ion with beam with (remov$3 clean$3 etch$3) with bottom with surface with (substrate semiconductor wafer workpiece sheet))	EPO; JPO; DERWENT	OR	ON	2005/12/06 21:07
S44	1	(ion with beam with (remov$3 clean$3 etch$3) with bevel)	EPO; JPO; DERWENT	OR	ON	2005/12/06 21:07

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S45	1369	(118/718.ccls. 118/719.ccls.) and (ion with beam with (remov$3 clean$3 etch$3) surface with (substrate semiconductor wafer workpiece sheet))	US-PGPUB; USPAT	OR	ON	2005/12/06 21:08
S46	9	(118/718.ccls. 118/719.ccls.) and (ion with beam with (remov$3 clean$3 etch$3) with surface with (substrate semiconductor wafer workpiece sheet))	US-PGPUB; USPAT	OR	ON	2005/12/06 21:09
S47	4	ion with beam with (remov$3 clean$3 etch$3) with bottom with surface with (substrate semiconductor wafer workpiece sheet) with (after subsequent post) with (coat$3 deposit$3 film form$3)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:38
S48	0	ion with beam with (remov$3 clean$3 etch$3) with bottom with surface with (substrate semiconductor wafer workpiece sheet) with (after subsequent post) with (coat$3 deposit$3 film form$3)	EPO; JPO; DERWENT	OR	ON	2005/12/06 21:10
S49	88	204/298.26.ccls. and (ion with beam)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:23
S50	1	"4851095".pn.	US-PGPUB; USPAT	OR	ON	2005/12/06 21:23
S51	94	ion with beam with (post) with (treat$4 process$4)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:38
S52	25	ion with beam with (post) with (treat$4 process$4) with (remov$3 clean$3 etch$3)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:43
S53	101	204/298.35.ccls. and 204/298.23-298.26.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/06 21:44
S54	44	118/718.ccls. and (ion with beam)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:44
S55	3	118/718.ccls. and (ion with beam) with (below under)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:45
S56	38	(118/718.ccls. 118/719.ccls.) and (ion with beam) with (remov$3 etch$3 clean$3)	US-PGPUB; USPAT	OR	ON	2005/12/06 21:45
S57	5	("5958134").URPN.	USPAT	OR	ON	2005/12/06 21:49
S58	18	("3562140" | "3968018" | "4626336" | "4663009" | "4722298" | "4749465" | "4882028" | "5032243" | "5048191" | "5056227" | "5088202" | "5110249" | "5121660" | "5129289" | "5142785" | "5232568" | "5377816").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/06 21:50
S59	62	156/345.39	US-PGPUB; USPAT	OR	ON	2005/12/07 11:22
S60	26	(back$1side with etch$3 with ion with (gun beam))	US-PGPUB; USPAT	OR	ON	2005/12/07 11:28
S61	31	(back$1side with etch$3 with ion with (gun beam mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/07 11:25
S62	5	S61 not S60	US-PGPUB; USPAT	OR	ON	2005/12/07 11:28
S63	3	(remov$3 with (extra inadvertent$4 mistak$4) with etch$3 with ion with (gun beam))	US-PGPUB; USPAT	OR	ON	2005/12/07 11:54
S64	22	(remov$3 with (extra inadvertent$4 mistak$4) with ion with (mill$3 gun beam))	US-PGPUB; USPAT	OR	ON	2005/12/07 12:32
S65	36	156/345.$.ccls. and ((back$1side) with (etch$3 mill ion beam gun) with remov$4)	US-PGPUB; USPAT	OR	ON	2005/12/07 12:08
S66	36	156/345.$.ccls. and ((back$1side) with (etch$3 mill$3 ion beam gun) with remov$4)	US-PGPUB; USPAT	OR	ON	2005/12/07 12:09
S67	2	156/345.$.ccls. and ((back$1side) with (mill$3 ion beam gun) with remov$4)	US-PGPUB; USPAT	OR	ON	2005/12/07 12:09
S68	20	("5707485").URPN.	USPAT	OR	ON	2005/12/07 12:10

S69	3	("4624728" | "4908095" | "5075256").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 12:11
S70	17	("5075256").URPN.	USPAT	OR	ON	2005/12/07 12:12
S71	4	(remov$3 with (extra inadvertent$4 mistak$4) with ion with (mill$3 gun beam))	EPO; JPO; DERWENT	OR	ON	2005/12/07 12:34
S72	376	216/66.ccls. and (ion with (mill$3 gun beam))	US-PGPUB; USPAT	OR	ON	2005/12/07 12:35
S73	147	216/66.ccls. and (ion with (mill$3 gun beam) with (back$1side back under beneath underneath below lower under$1side bottom))	US-PGPUB; USPAT	OR	ON	2005/12/07 12:37
S74	6	("4825808" | "5062021" | "5322595" | "5520981" | "5586040" | "5599590").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:36
S75	3	("5910235").URPN.	USPAT	OR	ON	2005/12/07 12:49
S76	10	("6210981").URPN.	USPAT	OR	ON	2005/12/07 13:28
S77	1028	guardian.as.	USPAT	OR	ON	2005/12/07 13:28
S78	72	guardian.as. and (ion adj beam)	USPAT	OR	ON	2005/12/07 13:28
S79	37	guardian.as. and (ion adj beam) with (bottom under under$1side below beneath under$1neath reverse back back$1side)	USPAT	OR	ON	2005/12/07 13:30
S80	37	guardian.as. and ((ion adj beam) with (bottom under under$1side below beneath under$1neath reverse back back$1side))	USPAT	OR	ON	2005/12/07 13:30
S81	151	(118/719.ccls. 118/718.ccls.) and (ion with (beam mill gun))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:31
S82	18	(118/719.ccls. 118/718.ccls.) and (ion with (beam mill gun) with remov$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:40
S83	4	(156/345.32.ccls. 156/345.31.ccls.) and (ion with (beam mill gun) with remov$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:40
S84	12	((118/718.ccls. 118/719.ccls.) and (156/345.32.ccls. 156/345.31.ccls.)) and (ion with (beam mill gun))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:42
S85	233	((118/718.ccls. 118/719.ccls.) and (156/345.32.ccls. 156/345.31.ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:43
S86	11	((118/718.ccls. 118/719.ccls.) and (156/345.32.ccls. 156/345.31.ccls.)) and (remov$4 with (excess$4 over$1spray extra inadvertent$4 mistake$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:44
S87	11	((118/718.ccls. 118/719.ccls.) and (156/345.32.ccls. 156/345.31.ccls.)) and ((remov$4 etch$3) with (excess$4 over$1spray extra inadvertent$4 mistake$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:47
S88	87	((118/718.ccls. 118/719.ccls.) and (156/345.32.ccls. 156/345.31.ccls.)) and ((remov$4 etch$3) with (bottom under under$1side below beneath under$1neath reverse back back$1side))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 13:47
S89	499	(427/255.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/12/07 13:52
S90	70	427/255.5.ccls. and (ion with (beam etch$3 mill$3 gun))	US-PGPUB; USPAT	OR	ON	2005/12/07 14:24
S91	56	427/532.ccls. and (ion with (beam etch$3 mill$3 gun))	US-PGPUB; USPAT	OR	ON	2005/12/07 14:25
S92	9	427/532.ccls. and (ion with (beam etch$3 mill$3 gun) with remov$4)	US-PGPUB; USPAT	OR	ON	2005/12/07 14:34

S93	32	427/533.ccls. and (ion with (beam etch$3 mill$3 gun) with remov$4)	US-PGPUB; USPAT	OR	ON	2005/12/07 14:28
S94	32	S93 not33	US-PGPUB; USPAT	OR	ON	2005/12/07 14:34
S95	31	S93 not S91	US-PGPUB; USPAT	OR	ON	2005/12/07 14:34
S96	1	427/209-210.ccls. and (ion with (beam etch$3 mill$3 gun) with remov$4)	US-PGPUB; USPAT	OR	ON	2005/12/07 14:35
S97	10	427/209-210.ccls. and (ion with (beam etch$3 mill$3 gun))	US-PGPUB; USPAT	OR	ON	2005/12/07 14:37
S98	865	427/209-210.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 14:35
S99	9	427/209.ccls. and (ion with (beam etch$3 mill$3 gun))	US-PGPUB; USPAT	OR	ON	2005/12/07 14:37
S100	675	427/209.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 14:37
S101	0	427/209.ccls. and ((remov$3 etch$3 mill$3) with (excess$4extra inadvertent$4 mistak$4))	US-PGPUB; USPAT	OR	ON	2005/12/07 14:38
S102	70	427/209.ccls. and ((remov$3 etch$3 mill$3) with (excess$4 extra inadvertent$4 mistak$4))	US-PGPUB; USPAT	OR	ON	2005/12/07 15:15
S103	196	(118/719.ccls. 118/718.ccls.) and in$1line	US-PGPUB; USPAT	OR	ON	2005/12/07 15:30
S104	2121	(118/719.ccls. 118/718.ccls.)	US-PGPUB; USPAT	OR	ON	2005/12/07 15:31
S105	155	(118/719.ccls. 118/718.ccls.) and (ion with (beam mill$3 gun))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:31
S106	3	("5439524" | "5505779" | "5863338").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:39
S107	3	("5439524" | "5505779" | "5863338").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:39
S108	0	("6231673").URPN.	USPAT	OR	ON	2005/12/07 15:39
S109	9	("3594238" | "4478703" | "4629631" | "4683149" | "4708037" | "4740385" | "5241152" | "5346600").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:42
S110	0	("2003/0150382").URPN.	USPAT	OR	ON	2005/12/07 15:48
S111	0	204/298.56.ccls. and (ion with (beam mill$3 gun))	USPAT	OR	ON	2005/12/07 15:48
S112	77	204/298.26.ccls. and (ion with (beam mill$3 gun))	USPAT	OR	ON	2005/12/07 15:49
S113	128	204/298.36.ccls.	USPAT	OR	ON	2005/12/07 15:49
S114	143	204/298.36.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 15:49
S115	4	204/298.36.ccls. and 204/298.23-298.26.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 16:29
S116	15	204/298.36.ccls. and (204/298.23-298.26.ccls. 204/298.35.ccls.)	US-PGPUB; USPAT	OR	ON	2005/12/07 16:25
S117	16	("4278493").URPN.	USPAT	OR	ON	2005/12/07 15:52

S11 8	12	("3528387" | "3548189" | "3769109" | "3868271" | "4016062" | "4098917" | "4126530" | "4135998" | "4147573" | "4148705").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 16:03
S11 9	143	204/298.36.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 16:35
S12 0	11	204/298.36.ccls. and 204/298.35.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/07 16:29
S12 1	4	204/298.36.ccls. and back$1side	US-PGPUB; USPAT	OR	ON	2005/12/07 16:36
S12 2	1	glass and (ion with (beam gun etch$3 mill$3)) with back$1side	EPO; JPO; DERWENT	OR	ON	2005/12/07 16:37
S12 3	33	(ion with (beam gun etch$3 mill$3)) with back$1side	EPO; JPO; DERWENT	OR	ON	2005/12/07 16:40
S12 4	1	(ion with (beam gun etch$3 mill$3)) and back$1side and in$1line	EPO; JPO; DERWENT	OR	ON	2005/12/07 16:40
S12 5	2	(ion with (beam gun etch$3 mill$3)) and back$1side and ((transfer$4 translat$4 convey$4 mov$4 travel$4) with (substrate wafer sheet plate semiconductor glass))	EPO; JPO; DERWENT	OR	ON	2005/12/07 16:42
S12 6	112	((ion with (beam gun etch$3 mill$3)) with (back$1side beneath under under$1neath bottom lower)) and ((transfer$4 translat$4 convey$4 mov$4 travel$4) with (substrate wafer sheet plate semiconductor glass))	EPO; JPO; DERWENT	OR	ON	2005/12/07 16:43
S12 7	70	((ion with (beam gun etch$3 mill$3)) with (back$1side bottom lower)) and ((transfer$4 translat$4 convey$4 mov$4 travel$4) with (substrate wafer sheet plate semiconductor glass))	EPO; JPO; DERWENT	OR	ON	2005/12/07 19:28
S12 8	1	("3925182").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 19:30
S12 9	1	("5879519").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 19:30
S13 0	26	"0200564"	EPO; JPO; DERWENT	OR	ON	2005/12/07 19:34
S13 1	7	"200200564"	EPO; JPO; DERWENT	OR	ON	2005/12/07 19:49
S13 2	1	("6660635").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 19:50
S13 3	1	("6660365").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 19:50
S13 4	42	(bevel chamfer) with (ion with (gun beam etch$3 mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:06
S13 5	69	(bevel chamfer$3) with (ion with (gun beam etch$3 mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:06
S13 6	37	(bevel chamfer$3) with (ion with (gun beam mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:10
S13 7	108	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:17
S13 8	28	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3)	EPO; JPO; DERWENT	OR	ON	2005/12/07 20:12
S13 9	0	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3) with beam	US-PGPUB; USPAT	OR	ON	2005/12/07 20:12
S14 0	0	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3) with ion	US-PGPUB; USPAT	OR	ON	2005/12/07 20:12
S14 1	596	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3 edge) with (back back$1side under under$1neath bottom lower)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:20
S14 2	3820	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3 edge)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:17

S14 3	13	(remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3 edge) with (back back$1side under under$1neath bottom lower) with (ion beam mill$3 gun)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:18
S14 4	157	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3 edge) with (back back$1side under under$1neath bottom lower)) and glass	US-PGPUB; USPAT	OR	ON	2005/12/07 20:20
S14 5	23	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (bevel chamfer$3 edge) with (back back$1side under under$1neath bottom lower)) and (glass with sheet)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:24
S14 6	588	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (back back$1side under under$1neath bottom lower)) and (glass with sheet)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:28
S14 7	4	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (back back$1side under under$1neath bottom lower) with (ion gun beam)) and (glass with sheet)	US-PGPUB; USPAT	OR	ON	2005/12/07 20:25
S14 8	290	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (back back$1side under under$1neath bottom lower) with (ion gun beam))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:25
S14 9	13	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (back back$1side under under$1neath bottom lower) with (ion with (gun beam)))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:26
S15 0	13	((remov$3 etch$3) with (extra excess$3 mistak$4 inadvertent$4) with (back back$1side under under$1neath bottom lower)) and (glass with sheet)	EPO; JPO; DERWENT	OR	ON	2005/12/07 20:30
S15 1	1	("3551128").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 20:31
S15 2	2	(("0035512") or ("0000028")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 20:31
S15 3	1	("3551228").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/07 20:36
S15 4	0	65/67.ccls. and (ion with (beam gun mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:36
S15 5	238	"65"/$.ccls. and (ion with (beam gun mill$3))	US-PGPUB; USPAT	OR	ON	2005/12/07 20:36
S15 6	30	"65"/$.ccls. and (ion with (beam gun mill$3) with remov$3)	US-PGPUB; USPAT	OR	ON	2005/12/08 11:20
S15 7	269	etch$3 with marginal	US-PGPUB; USPAT	OR	ON	2005/12/08 11:20
S15 8	12	etch$3 with marginal with ion	US-PGPUB; USPAT	OR	ON	2005/12/08 11:21
S15 9	182	etch$3 with edge with (excess$3 extra inadvertent mistak$3)	US-PGPUB; USPAT	OR	ON	2005/12/08 11:22
S16 0	34	etch$3 with edge with (excess$3 extra inadvertent mistak$3)	EPO; JPO; DERWENT	OR	ON	2005/12/08 11:32
S16 1	3	ion with (gun beam) with edge with (excess$3 extra inadvertent mistak$3)	EPO; JPO; DERWENT	OR	ON	2005/12/08 11:33
S16 2	6	ion with (gun beam) with edge with (excess$3 extra inadvertent mistak$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 11:35
S16 3	8	ion with (gun beam) with bottom with surface with (excess$3 extra inadvertent mistak$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 11:36
S16 4	1	etch$3 with (gun beam) with bottom with surface with (excess$3 extra inadvertent mistak$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 11:37

S165	85	etch$3 with bottom with surface with (excess$3 extra inadvertent mistak$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 11:39
S166	13	etch$3 with bottom with surface with (excess$3 extra inadvertent mistak$3)	EPO; JPO; DERWENT	OR	ON	2005/12/08 12:17
S167	81	204/192.34.ccls.	EPO; JPO; DERWENT	OR	ON	2005/12/08 12:17
S168	417	204/192.34.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/08 12:17
S169	122	204/192.34.ccls. and glass	US-PGPUB; USPAT	OR	ON	2005/12/08 12:18
S170	0	204/192.34.ccls. and (glass same (bottom edge lower back back$1side) with remov$3)	US-PGPUB; USPAT	OR	ON	2005/12/08 12:18
S171	0	204/192.34.ccls. and (glass same (bottom edge lower back back$1side circumference perimeter bevel chamfer) with remov$3)	US-PGPUB; USPAT	OR	ON	2005/12/08 12:19
S172	98	204/192.34.ccls. and ((bottom edge lower back back$1side circumference perimeter bevel chamfer) with remov$3)	US-PGPUB; USPAT	OR	ON	2005/12/08 12:19
S173	38	204/192.34.ccls. and ((bottom edge lower back back$1side circumference perimeter bevel chamfer) with remov$3 with surface)	US-PGPUB; USPAT	OR	ON	2005/12/08 12:25
S174	111	204/192.34.ccls. and ((beam gun) with (below under underneath))	US-PGPUB; USPAT	OR	ON	2005/12/08 12:25
S175	63	204/192.34.ccls. and ((beam gun) near4 (below under underneath))	US-PGPUB; USPAT	OR	ON	2005/12/08 12:26
S176	43	204/192.34.ccls. and (204/192 11)	US-PGPUB; USPAT	OR	ON	2005/12/08 12:26
S177	44	204/192.34.ccls. and 204/192.11.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/08 12:50
S178	10	("5472566").URPN.	USPAT	OR	ON	2005/12/08 12:31
S179	4	("4128765" | "4411733" | "5009743" | "5223109").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 12:33
S180	249	(204/192.34.ccls. 204/192.11.ccls.) and (both with (side surface))	US-PGPUB; USPAT	OR	ON	2005/12/08 12:52
S181	60	(204/192.34.ccls. 204/192.11.ccls.) and (both with (side surface) with (process$3 treat$3))	US-PGPUB; USPAT	OR	ON	2005/12/08 12:52
S182	102	(204/192.34.ccls. 204/192.11.ccls.) and (both adj (side surface))	US-PGPUB; USPAT	OR	ON	2005/12/08 12:52
S183	47	(204/192.34.ccls. 204/192.11.ccls.) and ((both adj (side surface)) with (process$3 treat$3 ion))	US-PGPUB; USPAT	OR	ON	2005/12/08 12:53
S184	11	("4747922").URPN.	USPAT	OR	ON	2005/12/08 12:56
S185	20	("3391071" | "3409529" | "3472751" | "3487000" | "3492215" | "3528387" | "4142958" | "4250009" | "4278493" | "4361472" | "4381453" | "4424103" | "4450031" | "4492620").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 12:57
S186	8	("4717622" | "4840844" | "4861662" | "4880687" | "4889767" | "5118577" | "5227211" | "5275850").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 13:00
S187	10	("5500296").URPN.	USPAT	OR	ON	2005/12/08 13:58
S188	2	maloney.in. and bevel	USPAT	OR	ON	2005/12/08 13:59

EAST Search History

S18 9	1	maloney.in. and (transfer$4 with wet)	USPAT	OR	ON	2005/12/08 13:59
S19 0	0	maloney.in. and (transfer$4 with robot)	USPAT	OR	ON	2005/12/08 13:59
S19 1	2	maloney.in. and (transfer$4 with hand)	USPAT	OR	ON	2005/12/08 14:00
S19 2	42	maloney.in. and (blade)	USPAT	OR	ON	2005/12/08 14:01
S19 3	1	"6231428".pn.	USPAT	OR	ON	2005/12/08 14:33
S19 4	2	trojan.in. and scrub	USPAT	OR	ON	2005/12/08 15:29
S19 5	1	("6267853").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/08 15:30
S19 6	1	("6161054").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/08 15:30
S19 7	57	hartig-klaus.in.	US-PGPUB; USPAT	OR	ON	2007/06/10 17:32
S19 8	22	hartig-klaus.in.	EPO; JPO; DERWENT	OR	ON	2005/12/08 20:34
S19 9	0	"199902208"	US-PGPUB; USPAT	OR	ON	2005/12/12 10:30
S20 0	0	"9902208"	US-PGPUB; USPAT	OR	ON	2005/12/12 10:31
S20 1	0	"20037377"	US-PGPUB; USPAT	OR	ON	2005/12/12 10:31
S20 2	7	"037377"	US-PGPUB; USPAT	OR	ON	2005/12/12 10:31
S20 3	1	"0037377"	US-PGPUB; USPAT	OR	ON	2005/12/12 10:31
S20 4	447	(204/192.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:17
S20 5	132	S204 and glass	US-PGPUB; USPAT	OR	ON	2007/03/27 15:17
S20 6	653	(204/192.26).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:17
S20 7	483	S206 and glass	US-PGPUB; USPAT	OR	ON	2007/03/27 15:17
S20 8	447	(204/192.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:18
S20 9	132	S208 and glass	US-PGPUB; USPAT	OR	ON	2007/03/27 15:18
S21 0	479	(S206 and glass) not S209	US-PGPUB; USPAT	OR	ON	2007/03/27 15:19
S21 1	33	(S206 and glass) not S209 and wind$1shield	US-PGPUB; USPAT	OR	ON	2007/03/27 17:00
S21 2	1	("6088492").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/27 17:00
S21 3	86	hartig-klaus.in.	US-PGPUB; USPAT	OR	ON	2007/06/10 17:32